

The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1-4. (Cancelled)

5. (Currently Amended) The A compressor comprising: of claim 4, wherein a compression mechanism configured to compress fluid, the compression mechanism including a discharge port;

a reed valve; and

a valve retainer for the reed valve coupling the reed valve at the discharge port,

at least part of the valve retainer being composed of a shape varying member that varies in shape in response to a voltage application so as to change an opening/closing state of the reed valve,

the valve retainer including a valve fixing part for fixing a fixed part of the reed valve and a curved guiding part for restricting a valve part of the reed valve to a lift amount,

at least part of the valve fixing part forming the shape varying member so as to change a rigidity of the reed valve, and

the shape varying member of the valve fixing part expands or contracts expanding or contracting in length so as to change a fixed length of the reed valve.

6. (Currently Amended) The compressor of claim 1 claim 5, wherein the shape varying member is formed of a polymer actuator.

7-10. (Cancelled)

11. (Currently Amended) The A compressor, comprising: of claim 10, wherein a compression mechanism configured to compress fluid, the compression mechanism including a discharge port;

a reed valve; and

a valve retainer for the reed valve coupling the reed valve at the discharge port,
only part of the valve retainer being composed of a shape varying member that varies
in shape in response to a voltage application so as to change an opening/closing state of the
reed valve,

the valve retainer including a valve fixing part for fixing a fixed part of the reed valve
and a curved guiding part for restricting a valve part of the reed valve to a lift amount,

at least part of the valve fixing part forming the shape varying member so as to
change a rigidity of the reed valve,

the shape varying member of the valve fixing part expands or contracts expanding or
contracting in length so as to change a fixed length of the reed valve.

12. (Currently Amended) The compressor of ~~claim 7~~ claim 11, wherein
the shape varying member is formed of a polymer actuator.